

EAST Search History

EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|--|------------------|---------|---------------------|
| L1 | 47 | (("6033090") or ("5463214") or ("6234397") or ("5514858") or ("6250551") or ("6513714") or ("6405925") or ("5378883") or ("6158661") or ("5481098") or ("6491223") or ("5569902") or ("5331176") or ("5598007") or ("6247645") or ("5697699") or ("5619029") or ("5149948") or ("5406060") or ("5586212") or ("5859418") or ("3726998") or ("6592040")).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2010/08/27 14:34 |
| L2 | 43 | (("5177346") or ("6352204") or ("4820911") or ("5291009") or ("5349172") or ("5354977") or ("5484994") or ("5532467") or ("5591955") or ("5606160") or ("5623137") or ("5703348") or ("5756981") or ("5777314") or ("5894348") or ("5907148") or ("5969321") or ("5992751") or ("6036095") or ("6060722") or ("6105869") or ("6119939") or ("6267294")).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2010/08/27 14:34 |

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| L3 | 20 | "6283374" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/08/27 14:34 |
| L4 | 21 | ((("6283374") or ("6360948") or ("6371374") or ("6385352") or ("6575367") or ("6607128") or ("20020096566") or ("20020125322") or ("20030062418") or ("20010027999")).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2010/08/27 14:34 |
| L5 | 78 | (gerst.in. or equitz.in. or testa.in. or nadabar.in.) and illuminat\$5 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/08/27 14:34 |
| L6 | 16 | (gerst.in. or equitz.in. or testa.in. or nadabar.in.) and illuminat\$5 and pipe | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/08/27 14:34 |
| L7 | 19 | (gerst.in. or equitz.in. or testa.in. or nadabar.in.) and illuminat\$5 and ring | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/08/27 14:34 |
| L8 | 102 | (barcode or "bar code" or bar-code or image or symbol or indica) and (L1 or L2 or L4) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/08/27 14:34 |
| L9 | 39 | (barcode or "bar code" or bar-code or image or symbol or indica) and (L1 or L2 or L4) and (aim\$4 or pipe or ring) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/08/27 14:34 |
| L10 | 34 | (barcode or "bar code" or bar-code or image or symbol or indica) and (L1 or L2 or L4) and (aim\$4 or pipe or ring) and (dark or low-angle or angle) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/08/27 14:34 |
| L11 | 21 | (barcode or "bar code" or bar-code or image or symbol or indica) and (L1 or L2 or L4) and (aim\$4 or pipe or ring) and (dark) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/08/27 14:34 |
| L12 | 10 | (barcode or "bar code" or bar-code or image or symbol or indica) and (L1 or L2 or L4) and (pipe or ring) and (dark) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/08/27 14:34 |
| L13 | 1 | (barcode or "bar code" or bar-code or image or symbol or indica) and (L1 or L2 or L4) and pipe and (dark) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/08/27 14:34 |

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| L14 | 1362 | (barcode or "bar code" or bar-code or image or symbol or indica) and pipe and dark with bright | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/08/27 14:34 |
| L15 | 73 | (barcode or "bar code" or bar-code or image or symbol or indica) and pipe same dark with bright | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/08/27 14:34 |
| L16 | 603 | (barcode or "bar code" or bar-code or image or symbol or indica) and pipe near4 light same (circular or circle) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/08/27 14:34 |
| L17 | 226 | (barcode or "bar code" or bar-code or image or symbol or indica) and pipe near4 light same (circular or circle) same (square or rectangle or rectangular) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/08/27 14:34 |
| L18 | 18 | (barcode or "bar code" or bar-code or image or symbol or indica) and pipe near4 light same (circular or circle) same (square or rectangle or rectangular) and field near3 view | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/08/27 14:34 |
| L19 | 31 | (barcode or "bar code" or bar-code or image or symbol or indica) same pipe near4 light same (circular or circle) same (square or rectangle or rectangular) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/08/27 14:34 |
| L20 | 215 | (barcode or "bar code" or bar-code or image or symbol or indica) and pipe near2 light same (circular or circle) same (square or rectangle or rectangular) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/08/27 14:34 |
| L21 | 23 | (barcode or "bar code" or bar-code or symbol or indica) and pipe near2 light same (circular or circle) same (square or rectangle or rectangular) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/08/27 14:34 |
| L22 | 264 | (barcode or "bar code" or bar-code or image or symbol or indica) and pipe near4 light same (handheld or hand-held or portable or "hand held") | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/08/27 14:34 |

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| L23 | 51 | (barcode or "bar code" or bar-code or image or symbol or indicia same pipe near4 light same (handheld or hand-held or "hand held") | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/08/27 14:35 |
| L24 | 638 | "235"/\$.cds. and light near2 (ring or pipe) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/08/27 14:35 |
| L25 | 220 | "235"/\$.cds. and light near2 (ring or pipe) same (cod or image near1 sens\$6 or cmos or imag\$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/08/27 14:35 |
| L26 | 62 | "235"/\$.cds. and (illuminat\$4 or light) near2 (ring or pipe) same (cod or image near1 sens\$6 or cmos or imag\$6) same (illuminat\$6) near4 (image\$4 or barcode or "bar code" or bar-code or indicia or medium) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/08/27 14:35 |
| L27 | 13 | "235"/\$.cds. and (illuminat\$4 or light) near2 (ring or pipe) same (cod or image near1 sens\$6 or cmos or imag\$6) same (illuminat\$6) near4 (image\$4 or barcode or "bar code" or bar-code or indicia or medium) and rectangular same (illuminat\$4 or light) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/08/27 14:35 |
| L28 | 14 | "235"/\$.cds. and (illuminat\$4 or light) near2 (ring or pipe) same (cod or image near1 sens\$6 or cmos or imag\$6) same (illuminat\$6) near4 (image\$4 or barcode or "bar code" or bar-code or indicia or medium) and (rectangular or rectangle) same (illuminat\$4 or light) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/08/27 14:35 |
| L29 | 861 | "235"/\$.cds. and (illuminat\$4 or light) near2 aim\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/08/27 14:35 |
| L30 | 468 | "235"/\$.cds. and (illuminat\$4 or light) near2 aim\$4 same (cod or image near1 sens\$6 or cmos or imag\$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/08/27 14:35 |

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| L31 | 47 | ((("6033090") or ("5463214") or ("6234397") or ("5514858") or ("6250551") or ("6513714") or ("6405925") or ("5378883") or ("6158661") or ("5481098") or ("6491223") or ("5569902") or ("5331176") or ("5598007") or ("6247645") or ("5697699") or ("5619029") or ("5149948") or ("5406060") or ("5586212") or ("5859418") or ("3726998") or ("6592040"))).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2010/08/27 14:35 |
| L32 | 43 | ((("5177346") or ("6352204") or ("4820911") or ("5291009") or ("5349172") or ("5354977") or ("5484994") or ("5532467") or ("5591955") or ("5606160") or ("5623137") or ("5703348") or ("5756981") or ("5777314") or ("5894348") or ("5907148") or ("5969321") or ("5992751") or ("6036095") or ("6060722") or ("6105869") or ("6119939") or ("6267294"))).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2010/08/27 14:35 |
| L33 | 19 | (L31 or L32) and (pipe or tube or hollow or needle or lumen) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/08/27 14:35 |
| L34 | 2 | "20050087601" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/08/27 14:35 |

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|-----|------|--|--|----|----|---------------------|
| L35 | 11 | (L31 or L32) and (pipe or tube or hollow or needle or lumen) and (bright or dark or (low near2 angle) or (high near2 angle) or low-angle or high-angle) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/08/27 14:35 |
| L36 | 1402 | ((illuminator or sensor or sensing or reader or reading) near6 (imag\$4 or barcode or "bar code" or bar-code) and (pipe or tube or hollow or needle or lumen) and ((low near2 angle) or (high near2 angle) or low-angle or high-angle) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/08/27 14:35 |
| L37 | 347 | ((illuminator or sensor or sensing or reader or reading) near6 (imag\$4 or barcode or "bar code" or bar-code) and light near3 (pipe or tube or hollow or needle or lumen) and ((low near2 angle) or (high near2 angle) or low-angle or high-angle) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/08/27 14:35 |
| L38 | 200 | ((illuminator or sensor or sensing or reader or reading) near6 (imag\$4 or barcode or "bar code" or bar-code) and light near3 (pipe or tube or hollow or needle or lumen) and ((low adj1 angle) or (high adj1 angle) or low-angle or high-angle) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/08/27 14:35 |
| L39 | 2 | "20050047723" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/08/27 14:35 |
| L40 | 591 | light adj1 pipe near6 (circle or circular or ring or retang\$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/08/27 14:35 |
| L41 | 41 | light adj1 pipe near6 (circle or circular or ring or retang\$6) and ((illuminator or sensor or sensing or reader or reading) near6 (imag\$4 or barcode or "bar code" or bar-code) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/08/27 14:35 |

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| L42 | 101 | light adj1 pipe near6 (circle or circular or ring or retang\$6 or shape) and (illuminator or sensor or sensing or reader or reading) near6 (imag\$4 or barcode or "bar code" or bar-code) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/08/27 14:35 |
| L44 | 3110 | (illuminat\$6 or (shin\$4 or aim\$4 or direct\$4) near2 light\$4) near5 (ring or pipe) same (imag\$4 or cod or sens\$4 or detect\$4) same (barcode or "bar code" or bar-code or image or symbol or indica or subject) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/08/27 14:35 |
| L45 | 3975 | (illuminat\$6 or (shin\$4 or aim\$4 or direct\$4) near2 light\$4) near3 (tube or ring or pipe) same (imag\$4 or cod or sens\$4 or detect\$4) same (barcode or "bar code" or bar-code or image or symbol or indica or subject) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/08/27 14:35 |
| L47 | 113 | (illuminat\$6 or (shin\$4 or aim\$4 or direct\$4) near2 light\$4) near3 (tube or ring or pipe) same (imag\$4 or cod or sens\$4 or detect\$4) near10 (barcode or "bar code" or bar-code or image or symbol or indica or subject) same (edge or perimeter) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/08/27 14:35 |
| L48 | 22 | (illuminat\$6 or (shin\$4 or aim\$4 or direct\$4) near2 light\$4) near3 (tube or ring or pipe) same (imag\$4 or cod or sens\$4 or detect\$4) near10 (barcode or "bar code" or bar-code or image or symbol or indica or subject) same (light or led) near4 (edge or perimeter) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/08/27 14:35 |

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| L49 | 14 | (illuminat\$6 or (shin\$4 or aim\$4 or direct\$4) near2 light\$4) near3 (tube or pipe) same (imag\$4 or cod or sens\$4 or detect\$4) near10 (barcode or "bar code" or bar-code or image or symbol or indica or subject) same (light or led) near4 (edge or perimeter or ring) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/08/27 14:35 |
| L50 | 14 | (illuminat\$6 or (shin\$4 or aim\$4 or direct\$4) near2 light\$4) near3 (tube or pipe) same (imag\$4 or cod or sens\$4 or detect\$4) near10 (barcode or "bar code" or bar-code or image or symbol or indica or subject) same (light or led) near4 (edge or perimeter or ring) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/08/27 14:35 |
| L51 | 16588 | "light pipe" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/08/27 14:35 |
| L52 | 83 | (illuminat\$6 or (shin\$4 or aim\$4 or direct\$4) near2 light\$4) near3 (diffus\$4 or tube or pipe) same (imag\$4 or cod or sens\$4 or detect\$4) near10 (barcode or "bar code" or bar-code or image or symbol or indica or subject) same (light or led) near4 (edge or perimeter or ring) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/08/27 14:35 |
| L53 | 1 | 10/693636 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/08/27 14:35 |
| L54 | 12 | 10/693626 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/08/27 14:35 |
| L55 | 1 | 10/693626 and lumen.dlm. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/08/27 14:35 |
| L56 | 278 | rectang\$5 near2 light near2 pipe | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/08/27 14:35 |
| L57 | 72 | rectang\$5 near2 light near2 pipe same (object or subject or barcode or "bar code" or bar-code or image or symbol or indica | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/08/27 14:35 |

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| L58 | 0 | rectang\$5 near2 light near2 pipe same (object or subject or barcode or "bar code" or bar-code or image or symbol or indica) and "235"/\$.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/08/27 14:35 |
| L59 | 62 | rectang\$5 near2 light near2 pipe same (barcode or "bar code" or bar-code or image or symbol or indica) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/08/27 14:35 |
| L60 | 47 | ((("6033090") or ("5463214") or ("6234397") or ("5514858") or ("6250551") or ("6513714") or ("6405925") or ("5378883") or ("6158661") or ("5481098") or ("6491223") or ("5569902") or ("5331176") or ("5598007") or ("6247645") or ("5697699") or ("5619029") or ("5149948") or ("5406060") or ("5586212") or ("5859418") or ("3726998") or ("6592040")).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2010/08/27 14:35 |
| L61 | 43 | ((("5177346") or ("6352204") or ("4820911") or ("5291009") or ("5349172") or ("5354977") or ("5484994") or ("5532467") or ("5591955") or ("5606160") or ("5623137") or ("5703348") or ("5756981") or ("5777314") or ("5894348") or ("5907148") or ("5969321") or ("5992751") or ("6036095") or ("6060722") or ("6105869") or ("6119939") or | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2010/08/27 14:35 |

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| | | ("6267294")).PN. | | | | |
| L62 | 20 | "6283374" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/08/27 14:35 |
| L63 | 21 | ((("6283374") or ("6360948") or ("6371374") or ("6385352") or ("6575367") or ("6607128") or ("20020096566") or ("20020125322") or ("20030062418") or ("20010027999")).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2010/08/27 14:35 |
| L64 | 78 | (gerst.in. or equitz.in. or testa.in. or nadabar.in.) and illuminat\$5 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/08/27 14:35 |
| L65 | 16 | (gerst.in. or equitz.in. or testa.in. or nadabar.in.) and illuminat\$5 and pipe | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/08/27 14:35 |
| L66 | 19 | (gerst.in. or equitz.in. or testa.in. or nadabar.in.) and illuminat\$5 and ring | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/08/27 14:35 |
| L67 | 102 | (barcode or "bar code" or bar-code or image or symbol or indica) and (L60 or L61 or L63) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/08/27 14:35 |
| L68 | 39 | (barcode or "bar code" or bar-code or image or symbol or indica) and (L60 or L61 or L63) and (aim\$4 or pipe or ring) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/08/27 14:35 |
| L69 | 34 | (barcode or "bar code" or bar-code or image or symbol or indica) and (L60 or L61 or L63) and (aim\$4 or pipe or ring) and (dark or low-angle or angle) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/08/27 14:35 |
| L70 | 21 | (barcode or "bar code" or bar-code or image or symbol or indica) and (L60 or L61 or L63) and (aim\$4 or pipe or ring) and (dark) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/08/27 14:35 |
| L71 | 10 | (barcode or "bar code" or bar-code or image or symbol or indica) and (L60 or L61 or L63) and (pipe or ring) and (dark) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/08/27 14:35 |

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|-----|------|--|--|----|----|---------------------|
| L72 | 1 | (barcode or "bar code" or bar-code or image or symbol or indica) and (L60 or L61 or L63) and pipe and (dark) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/08/27 14:35 |
| L73 | 1362 | (barcode or "bar code" or bar-code or image or symbol or indica) and pipe and dark with bright | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/08/27 14:35 |
| L74 | 73 | (barcode or "bar code" or bar-code or image or symbol or indica) and pipe same dark with bright | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/08/27 14:35 |
| L75 | 603 | (barcode or "bar code" or bar-code or image or symbol or indica) and pipe near4 light same (circular or circle) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/08/27 14:35 |
| L76 | 226 | (barcode or "bar code" or bar-code or image or symbol or indica) and pipe near4 light same (circular or circle) same (square or rectangle or rectangular) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/08/27 14:35 |
| L77 | 18 | (barcode or "bar code" or bar-code or image or symbol or indica) and pipe near4 light same (circular or circle) same (square or rectangle or rectangular) and field near3 view | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/08/27 14:35 |
| L78 | 31 | (barcode or "bar code" or bar-code or image or symbol or indica) same pipe near4 light same (circular or circle) same (square or rectangle or rectangular) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/08/27 14:35 |
| L79 | 215 | (barcode or "bar code" or bar-code or image or symbol or indica) and pipe near2 light same (circular or circle) same (square or rectangle or rectangular) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/08/27 14:35 |
| L80 | 23 | (barcode or "bar code" or bar-code or symbol or indica) and pipe near2 light same (circular or circle) same (square or rectangle or rectangular) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/08/27 14:35 |

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| L81 | 264 | (barcode or "bar code" or bar-code or image or symbol or indica) and pipe near4 light same (handheld or hand-held or portable or "hand held") | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/08/27 14:35 |
| L82 | 51 | (barcode or "bar code" or bar-code or image or symbol or indica) same pipe near4 light same (handheld or hand-held or "hand held") | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/08/27 14:35 |
| L83 | 638 | "235"/\$.ccls. and light near2 (ring or pipe) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/08/27 14:35 |
| L84 | 220 | "235"/\$.ccls. and light near2 (ring or pipe) same (ccd or image near1 sens\$6 or cmos or imag\$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/08/27 14:35 |
| L85 | 62 | "235"/\$.ccls. and (illuminat\$4 or light) near2 (ring or pipe) same (ccd or image near1 sens\$6 or cmos or imag\$6) same (illuminat\$6) near4 (image\$4 or barcode or "bar code" or bar-code or indicia or medium) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/08/27 14:35 |
| L86 | 13 | "235"/\$.ccls. and (illuminat\$4 or light) near2 (ring or pipe) same (ccd or image near1 sens\$6 or cmos or imag\$6) same (illuminat\$6) near4 (image\$4 or barcode or "bar code" or bar-code or indicia or medium) and rectangular same (illuminat\$4 or light) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/08/27 14:35 |
| L87 | 14 | "235"/\$.ccls. and (illuminat\$4 or light) near2 (ring or pipe) same (ccd or image near1 sens\$6 or cmos or imag\$6) same (illuminat\$6) near4 (image\$4 or barcode or "bar code" or bar-code or indicia or medium) and (rectangular or rectangle) same (illuminat\$4 or light) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/08/27 14:35 |
| L88 | 861 | "235"/\$.ccls. and (illuminat\$4 or light) near2 aim\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/08/27 14:35 |

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| L89 | 468 | "235"/\$.ccls. and (illuminat \$4 or light) near2 aim\$4 same (cod or image near1 sens\$6 or cmos or imag \$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/08/27 14:35 |
| L90 | 47 | ((("6033090") or ("5463214") or ("6234397") or ("5514858") or ("6250551") or ("6513714") or ("6405925") or ("5378883") or ("6158661") or ("5481098") or ("6491223") or ("5569902") or ("5331176") or ("5598007") or ("6247645") or ("5697699") or ("5619029") or ("5149948") or ("5406060") or ("5586212") or ("5859418") or ("3726998") or ("6592040"))).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2010/08/27 14:35 |
| L91 | 43 | ((("5177346") or ("6352204") or ("4820911") or ("5291009") or ("5349172") or ("5354977") or ("5484994") or ("5532467") or ("5591955") or ("5606160") or ("5623137") or ("5703348") or ("5756981") or ("5777314") or ("5894348") or ("5907148") or ("5969321") or ("5992751") or ("6036095") or ("6060722") or ("6105869") or ("6119939") or ("6267294"))).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2010/08/27 14:35 |
| L92 | 19 | (L90 or L91) and (pipe or tube or hollow or needle or lumen) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/08/27 14:35 |

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| L93 | 2 | "20050087601" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/08/27 14:35 |
| L94 | 11 | (L90 or L91) and (pipe or tube or hollow or needle or lumen) and (bright or dark or (low near2 angle) or (high near2 angle) or low-angle or high-angle) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/08/27 14:35 |
| L95 | 1402 | ((illuminator or sensor or sensing or reader or reading) near6 (imag\$4 or barcode or "bar code" or bar-code) and (pipe or tube or hollow or needle or lumen) and ((low near2 angle) or (high near2 angle) or low-angle or high-angle) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/08/27 14:35 |
| L96 | 347 | ((illuminator or sensor or sensing or reader or reading) near6 (imag\$4 or barcode or "bar code" or bar-code) and light near3 (pipe or tube or hollow or needle or lumen) and ((low near2 angle) or (high near2 angle) or low-angle or high-angle) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/08/27 14:35 |
| L97 | 200 | ((illuminator or sensor or sensing or reader or reading) near6 (imag\$4 or barcode or "bar code" or bar-code) and light near3 (pipe or tube or hollow or needle or lumen) and ((low adj1 angle) or (high adj1 angle) or low-angle or high-angle) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/08/27 14:35 |
| L98 | 2 | "20050047723" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/08/27 14:35 |
| L99 | 591 | light adj1 pipe near6 (circle or circular or ring or retang\$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/08/27 14:35 |
| L100 | 41 | light adj1 pipe near6 (circle or circular or ring or retang\$6) and (illuminator or sensor or sensing or reader or reading) near6 (imag\$4 or barcode or "bar code" or bar-code) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/08/27 14:35 |

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| L101 | 101 | light adj1 pipe near6 (circle or circular or ring or retang\$6 or shape) and (illuminator or sensor or sensing or reader or reading) near6 (imag\$4 or barcode or "bar code" or bar-code) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/08/27 14:35 |
| L106 | 113 | (illuminat\$6 or (shin\$4 or aim\$4 or direct\$4) near2 light\$4) near3 (tube or ring or pipe) same (imag\$4 or cod or sens\$4 or detect\$4) near10 (barcode or "bar code" or bar-code or image or symbol or indica or subject) same (edge or perimeter) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/08/27 14:35 |
| L107 | 22 | (illuminat\$6 or (shin\$4 or aim\$4 or direct\$4) near2 light\$4) near3 (tube or ring or pipe) same (imag\$4 or cod or sens\$4 or detect\$4) near10 (barcode or "bar code" or bar-code or image or symbol or indica or subject) same (light or led) near4 (edge or perimeter) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/08/27 14:35 |
| L108 | 14 | (illuminat\$6 or (shin\$4 or aim\$4 or direct\$4) near2 light\$4) near3 (tube or pipe) same (imag\$4 or cod or sens\$4 or detect\$4) near10 (barcode or "bar code" or bar-code or image or symbol or indica or subject) same (light or led) near4 (edge or perimeter or ring) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/08/27 14:35 |
| L109 | 14 | (illuminat\$6 or (shin\$4 or aim\$4 or direct\$4) near2 light\$4) near3 (tube or pipe) same (imag\$4 or cod or sens\$4 or detect\$4) near10 (barcode or "bar code" or bar-code or image or symbol or indica or subject) same (light or led) near4 (edge or perimeter or ring) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/08/27 14:35 |
| L110 | 16588 | "light pipe" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/08/27 14:35 |

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| L111 | 83 | (illuminat\$6 or shin\$4 or aim\$4 or direct\$4) near2 light\$4) near3 (diffus\$4 or tube or pipe) same (imag\$4 or cod or sens\$4 or detect\$4) near10 (barcode or "bar code" or bar-code or image or symbol or indica or subject) same (light or led) near4 (edge or perimeter or ring) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/08/27 14:35 |
| L112 | 1 | 10/693636 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/08/27 14:35 |
| L113 | 12 | 10/693626 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/08/27 14:35 |
| L114 | 1 | 10/693626 and lumen.cfm. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/08/27 14:35 |
| L115 | 278 | rectang\$5 near2 light near2 pipe | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/08/27 14:35 |
| L116 | 72 | rectang\$5 near2 light near2 pipe same (object or subject or barcode or "bar code" or bar-code or image or symbol or indica) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/08/27 14:35 |
| L117 | 0 | rectang\$5 near2 light near2 pipe same (object or subject or barcode or "bar code" or bar-code or image or symbol or indica) and "235"/\$.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/08/27 14:35 |
| L118 | 62 | rectang\$5 near2 light near2 pipe same (barcode or "bar code" or bar-code or image or symbol or indica) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/08/27 14:35 |

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